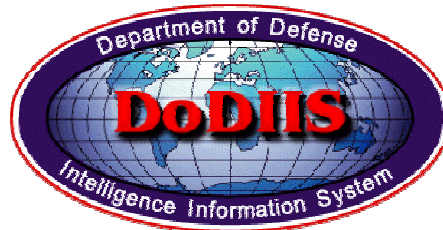




DoDIIS

Life Cycle Management and Certification Process

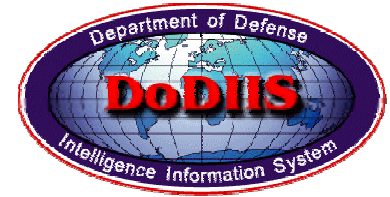


Kara A. Byrd
DoDIIS SIMO
3 November 1999





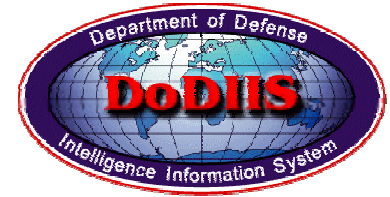
Overview



- **Purpose**
- **Regulations and Documents**
- **DoDIIS Life Cycle Management**
- **DoD Milestone I-III Approval Process**
- **DoDIIS Certification Process**
- **DoDIIS ADM Processing**
- **DoDIIS Certification Process Timeline**
- **Discussion**



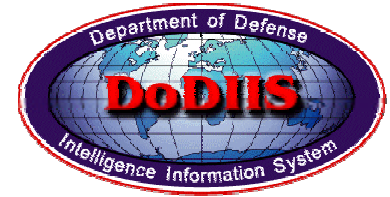
Purpose



Overview the DoDIIS Life Cycle Management and Certification Process



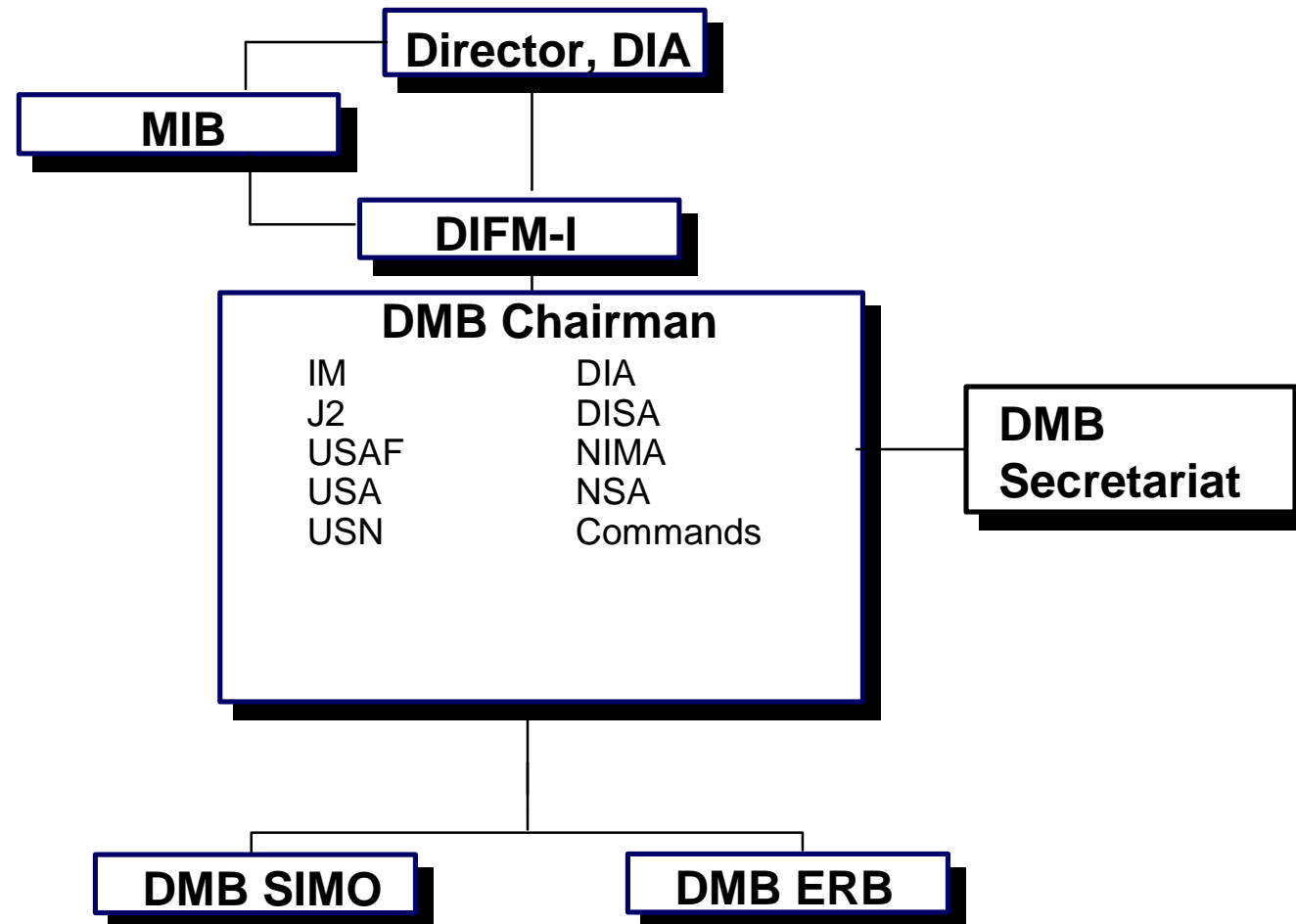
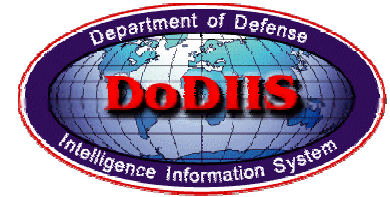
DoDIIS



- **DoDIIS is the aggregate of IT funds and manpower for over 150 sites**
- **Guidance and Processes exist to Govern the Planning and Programming of IT Resources**
 - **Developing, Testing, Fielding, and Sustaining Intelligence IT Capabilities**
- **Milestone Decision Authority and Certification to Field Authority delegated to DoDIIS Management Board**

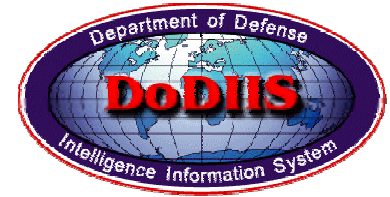


DMB Management Structure





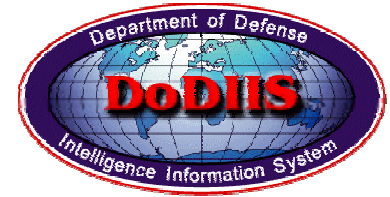
Supporting Regulations/Documents



- **1971 - First DoD Directive 5000.1 Issued**
- **1995 - Introduction of *DoDIIS Migration Systems Instructions to DExAs, PMOs, and Developers***
- **1996 - Clinger-Cohen Act: ITMRA**



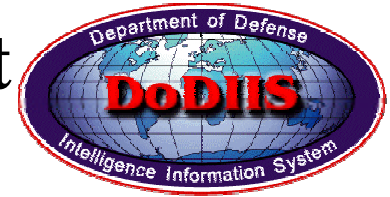
Supporting Regulations/Documents



- **1996 - DoD 5000.2-R, *Mandatory Procedures for Major Defense Acquisition Programs and Major Automated Information Systems* Published**
- **1998 - Introduction of *DoDIIS Acquisition Management Document***
- **1999 - *DoDIIS Instructions* Published**
 - ***DoDIIS Instructions 2000* In Development**
- **1999 - OSD Approval of *DoDIIS Instructions***



DoDIIS Life Cycle Management



- **DoDD 5105.21 - DIA/DR manage the DoDIIS**
- **Unified Commands Requested IT System Certification In June 1995**
- **DIA/DR Direction--Implement DoDIIS LCM Process on June 1996 IAW DoD 5000.2-R**



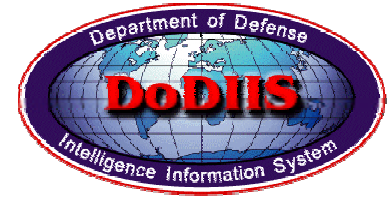
DoDIIS Life Cycle Management



- **DIA/DR Serve As Milestone Decision Authority for DIA-Developed Intel IT**
- **DMB Recommends to DIA/DR Certificate to Field for Non-DIA-developed Intel IT Capabilities**
- **Life Cycle Management Staff Provides Oversight**



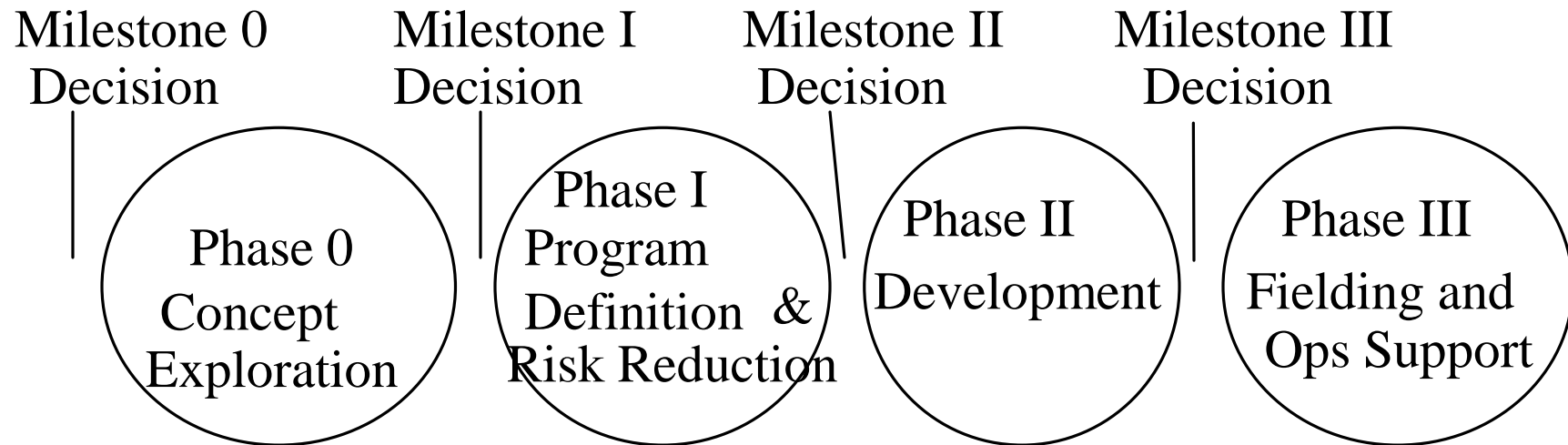
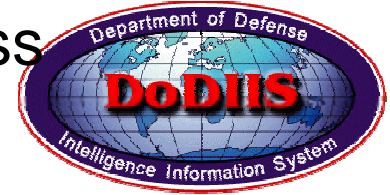
LCM Staff Responsibilities/Tasks



- **Oversee Implementation of DoD Information Technology Acquisition Policy IAW DoD 5000-series**
- **Provide Guidance to PMs In Implementing Policies and Principles Identified In Acquisition Management Documents**
- **Support DMB In Its Decision-Making Role for Milestone Decisions**
- **Review Acquisition Decision Memorandum (ADM) Packages**
- **Work to Implement LCM Throughout Communities**

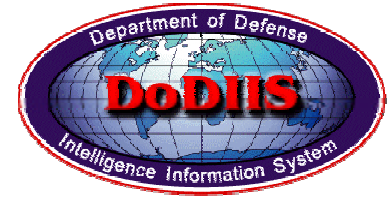


DoD 5000.2-R Milestone Approval Process

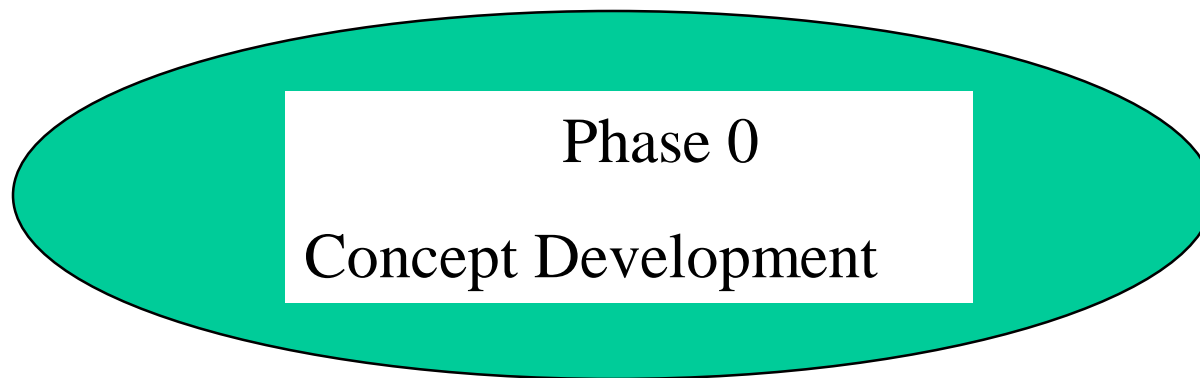




DoD 5000.2-R Milestone Approval Process



Milestone 0 Decision

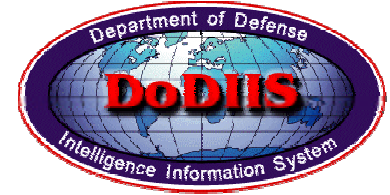


Milestone 0 decision: Idea formed and presented to Management

Phase 0: Idea developed and refined



DoD 5000.2-R Milestone Approval Process



Milestone I Decision

Phase I
Program Definition and
Risk Reduction

Milestone I Decision: Management gives “go-ahead” to concept

Phase I:

Requirements Analysis

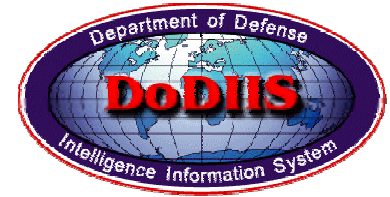
Initial Documentation Preparation

Program Management Structure Formed

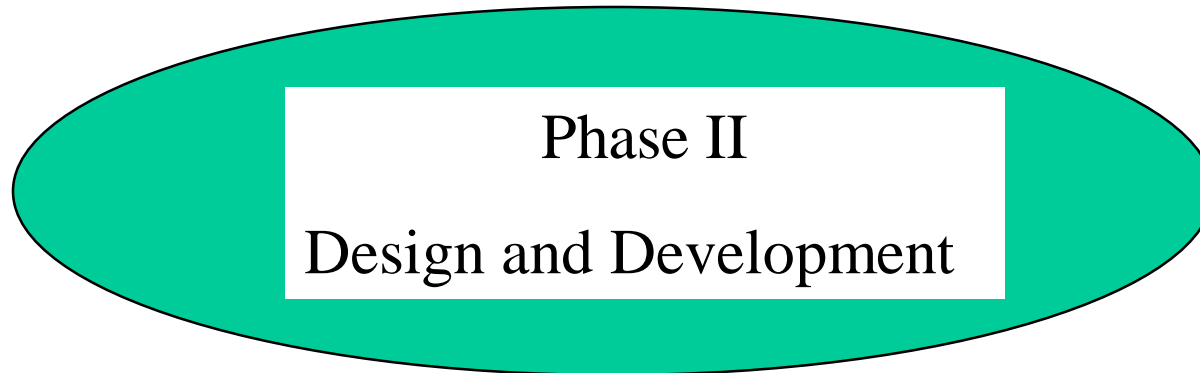
Functionality Duplication Identified



DoD 5000.2-R Milestone Approval Process



Milestone II Decision



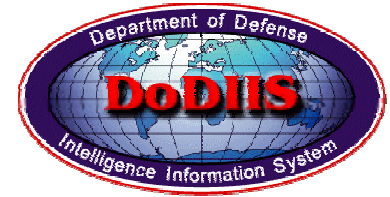
Milestone II Decision: Proceed with Construction of Program

Phase II:

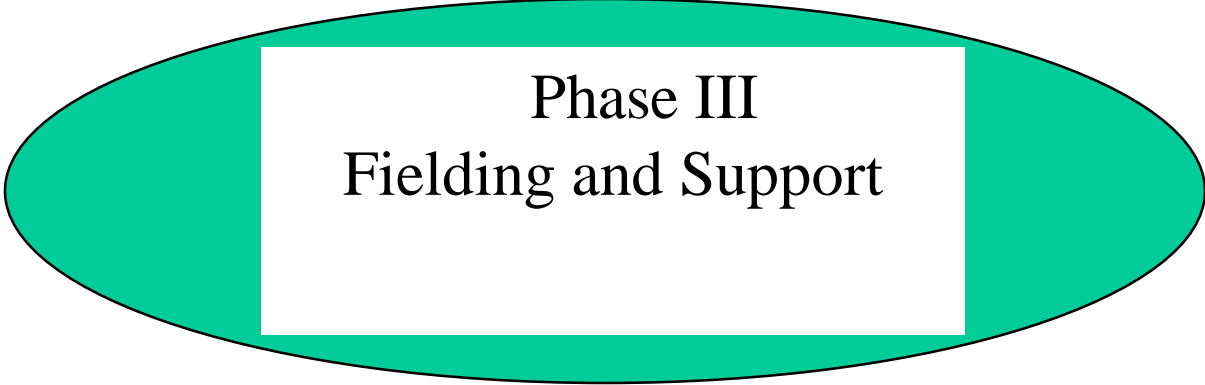
- Documents Completed
- Software Programmed
- Reviews Held
- Functionality and Integration Testing Conducted
- DoDIIS LCM and Certification Process Begins



DoD 5000.2-R Milestone Approval Process



Milestone III Decision



Phase III
Fielding and Support

Milestone III Interim Decision: Proceed to Beta II Testing

Milestone III Decision: Receive a Certificate to Field

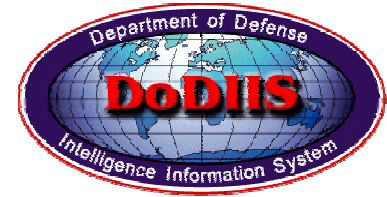
Phase III:

Fielding of System or New Version of Existing System

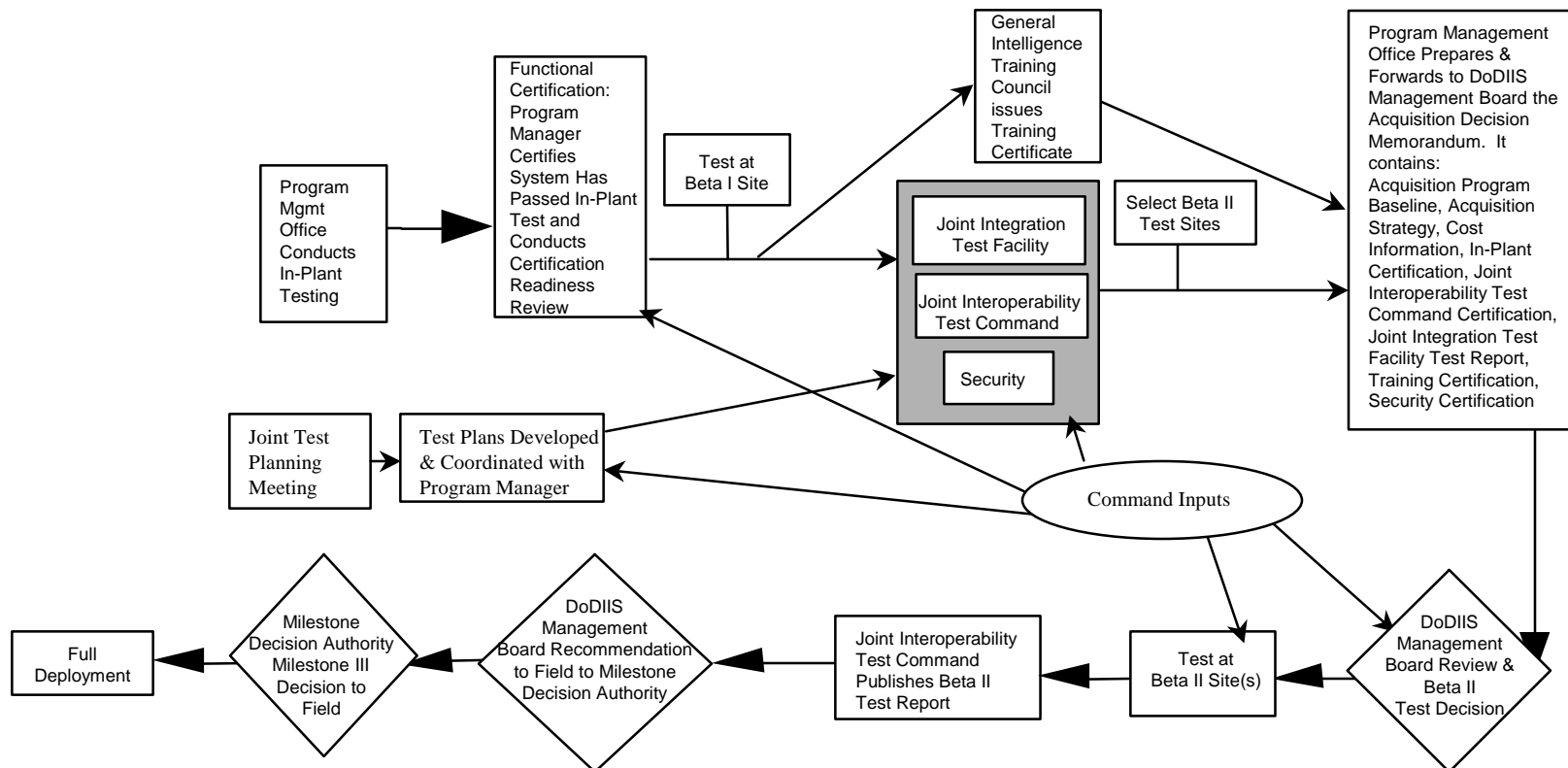
Maintenance of System (Correct Deficiencies)



CERTIFICATION PROCESS

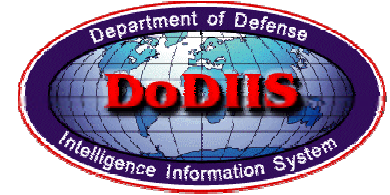


More Strict Adherence to Process...Fewer Waivers

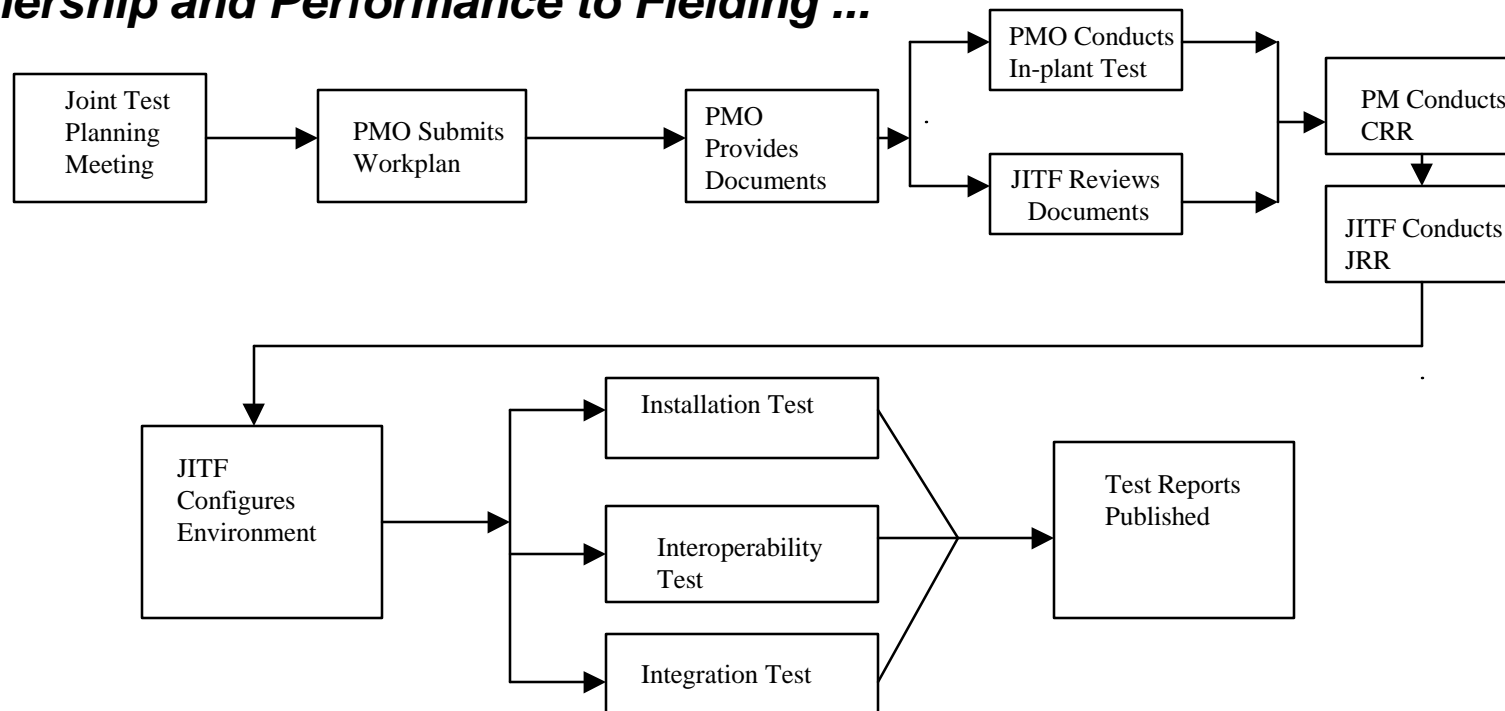




JITF/JITC TEST PROCESS

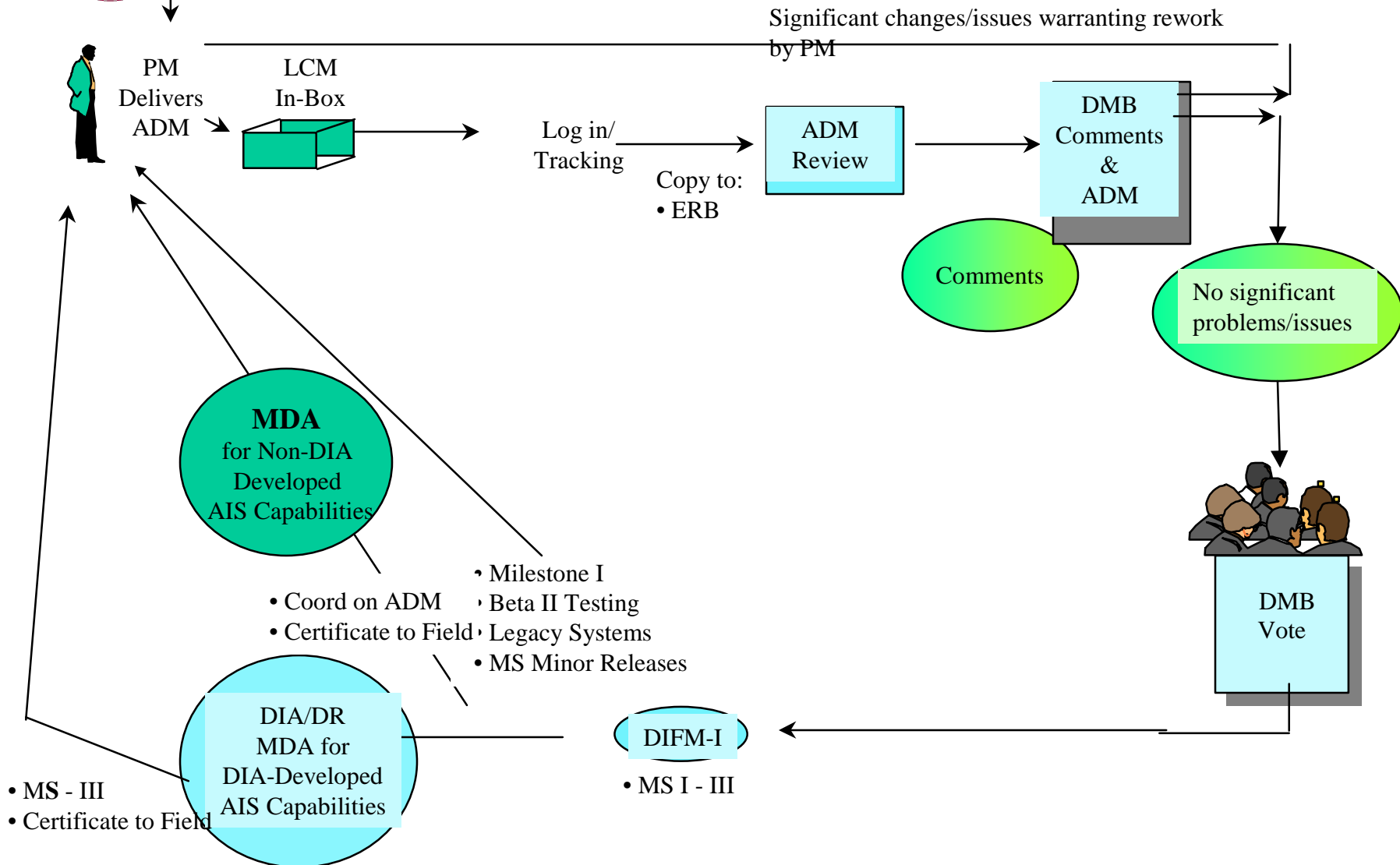
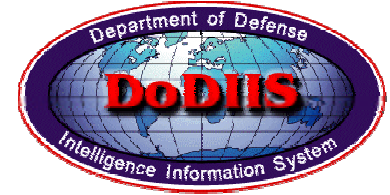


Partnership and Performance to Fielding ...



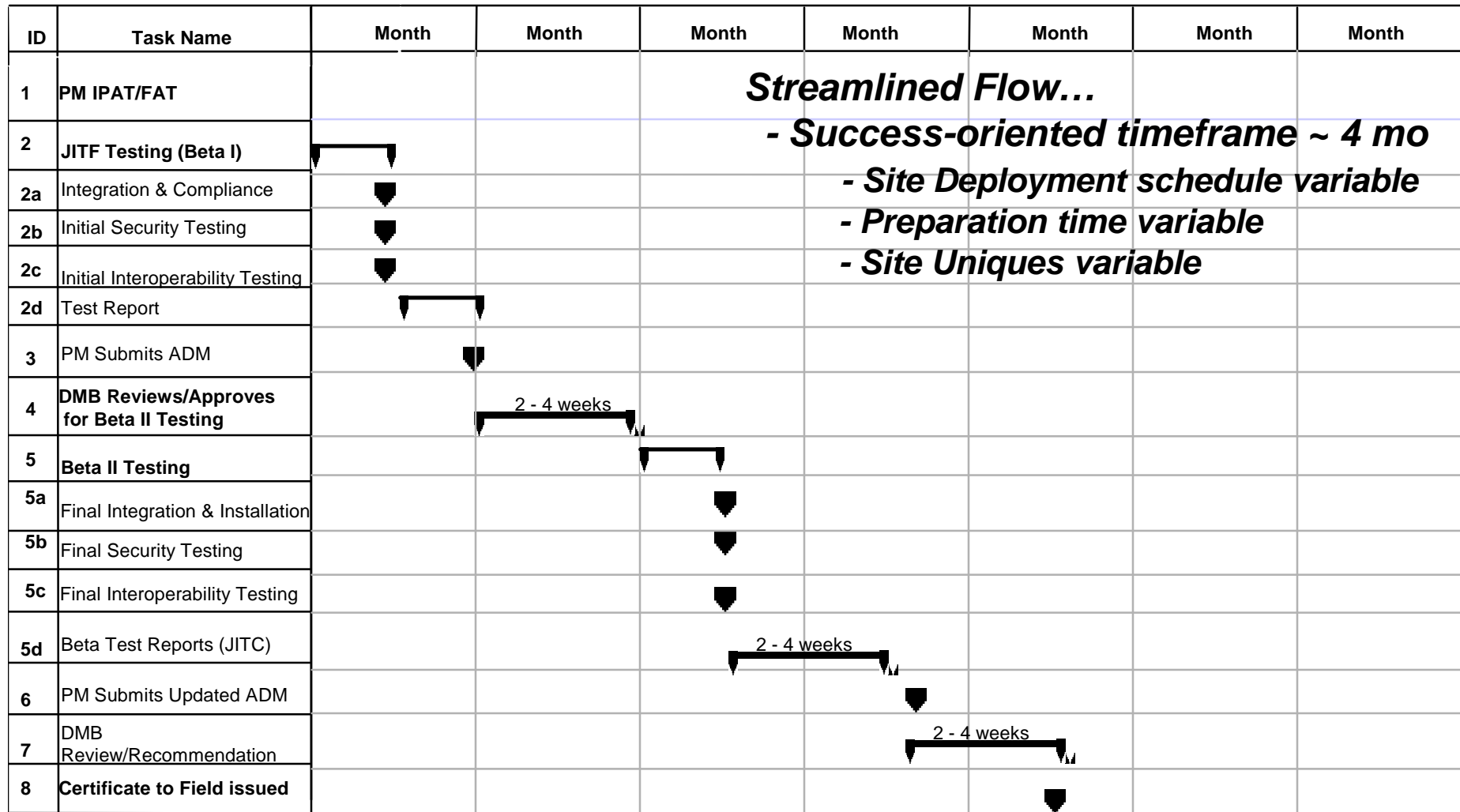
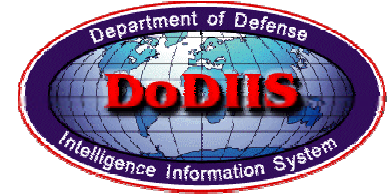


ADM Processing (MS I-III)



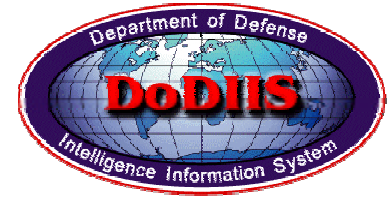


DoDIIS MS II-III Certification Process Timeline





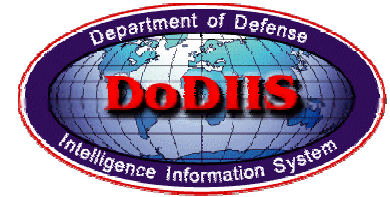
DoDIIS Test Activities



- **Institutionalize Certification and Test Process**
 - **Installation, integration, interoperability, training, and security**
 - **Central Testing Fund**
 - **DoDIIS Instructions currently in coordination**
 - **Community Testing Study**
 - **Best business practices**
 - **COTS Testing**



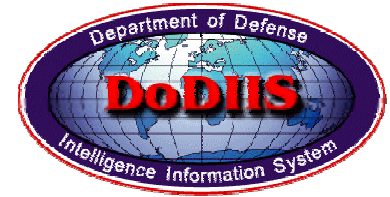
DoDIIS Instructions



**Direction to organizations developing,
testing, fielding and sustaining intelligence
information technology capabilities at
DoDIIS sites**



Implement DoD Policies

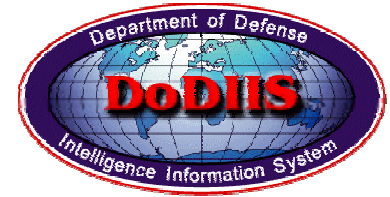


- **DoD Directive 5000.1 Defense Acquisition**
- **DoD Regulation 5000.2-R Mandatory Procedures for Major Defense Acquisition Programs and Major Automated Information System Acquisition Programs**
- **DoD Joint Technical Architecture**

Align with Programming



DoDIIS Instructions Contents

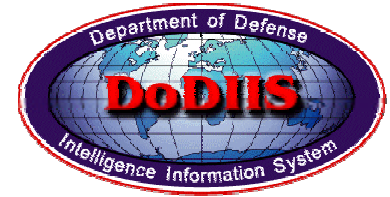


Provides policy guidance on:

- **Acquisition Management**
- **Technical Issues**
- **Testing**
- **Distribution**
- **Training**
- **Security**
- **Budget Process**
- **Messaging**



DoDIIS Instructions Updates

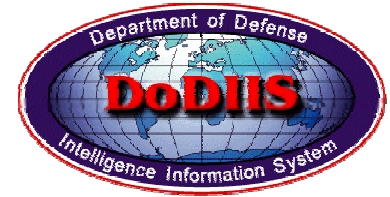


General

- **Removed effectivity dates from document**
- **Developed DoDIIS calendar concept**
 - **Calendar will identify dates for completing DoDIIS Instructions-mandated tasks**
 - **Relative dates will identify tasks dependent on other actions**
 - **DMB will approve assigned dates**



DoDIIS Instructions Updates

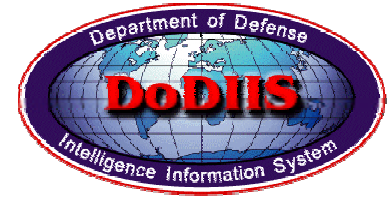


Acquisition Management

- **Streamlined DMB business process**
 - **Expedited voting & returning results to Program Managers**
 - **Limited program schedule impacts**
- **Developed Program Managers' Checklist**
- **Merged all Acquisition Management guidance**
 - **Eliminated DoDIIS Acquisition Management CONOPS**
- **Defense Intel Functional Manager for Infrastructure is Milestone Decision Authority for DIA systems**



DoDIIS Instructions Updates

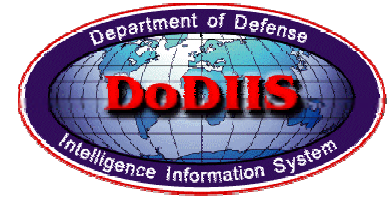


Technical

- **Augmented instructions regarding Common Operational Picture support**
- **Incorporating Intelligence for the Warfighter study**
- **Assigned responsibility to larger Community for defining common system configurations**
- **Adopted Mobile Code Policy**



DoDIIS Instructions Updates



Dissemination

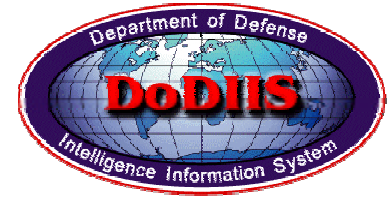
- Issued specific guidance to Program Managers, DoDIIS Test Facility, DoDIIS Management Staff, DoDIIS Sites

Training

- Virtual University will support Intelligence Mission Application requirements



DoDIIS Instructions Updates



Messaging

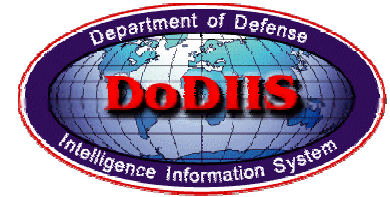
- **Requires compliance with:**
 - **ABS Global Routing Plan**
 - **ABS System Operating Instructions**
 - **ABS Security Implementation Plan**
 - **DMS Design Architecture**
- **Delegates development and implementation actions to DoDIIS DMS Sites Working Group**
- **Initiates leveraging resources where infrastructures converge**

ABS-- AUTODIN Bypass System

DMS--Defense Message System



Conclusion



- **DoDIIS Life Cycle Management Process Exists to Build an Interoperable DoDIIS Inventory**
- **Community Requested Certification Process**
- **Adherence is Mandatory and Critical to Provide Accurate Information to our Decisionmakers and the Warfighters**



Life Cycle Management Team



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- Intelink Address: <http://www.dia.ic.gov/proj/dodiis/dodiis.html>